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SAFSS/Capt [redacted] Gen Stewart/29Jan65

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MEMORANDUM FOR DIRECTOR OF CENTRAL INTELLIGENCE AGENCY

SUBJECT: Evaluation of QUILL Feasibility Demonstration

On 21 December 1964 the first QUILL feasibility demonstration high resolution radar was successfully orbited. Both readout data and recovered data have been examined. Preliminary analysis indicates that all feasibility demonstration objectives were met.

A detailed engineering analysis of the mission is currently under way by contractors. This analysis will deal with comparisons between readout and recovered data, effects of meteorological conditions, vehicle influence on radar performance, and other factors which, from an engineering sense, are necessary for a complete performance evaluation.

I feel that a parallel analysis should be made to determine the value of satellite-acquired radar imagery as an intelligence source. I feel that NPIC is the best qualified agency to chair a team for this purpose. If you agree, my staff will work out the details with NPIC.

Brockway McMillan
Director
National Reconnaissance
Office

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